

(19)



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(11)

**EP 1 085 706 A3**

(12)

**EUROPEAN PATENT APPLICATION**(88) Date of publication A3:  
30.10.2002 Bulletin 2002/44

(51) Int Cl.7: H04L 12/46, H04L 12/64

(43) Date of publication A2:  
21.03.2001 Bulletin 2001/12

(21) Application number: 00111361.2

(22) Date of filing: 26.05.2000

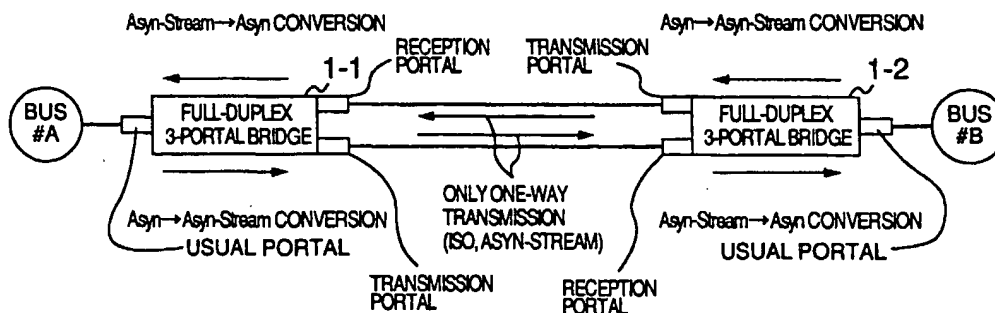
(84) Designated Contracting States:  
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE**  
Designated Extension States:  
**AL LT LV MK RO SI**(72) Inventors:  
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(30) Priority: 10.09.1999 JP 25763699

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Novagraaf SA  
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1220 Les Avanchets - Geneva (CH)**(54) Bridge for IEEE 1394 bus network**

(57) The two-way transmissions are performed between a first bus (#A) and a usual portal of a first full-duplex 3-portal bridge (1-1) and between a second bus (#B) and a usual portal of a second full-duplex 3-portal bridge (1-2), respectively. The one-way transmission of an isochronous packet and an asynchronous stream packet is performed between transmission and recep-

tion portals of the first full-duplex 3-portal bridge (1-1) and reception and transmission portals of the second full-duplex 3-portal bridge (1-2). The first full-duplex 3-portal bridge (1-1) and the second full-duplex 3-portal bridge (1-2) perform a conversion between the asynchronous stream packet and an asynchronous packet if necessary.

**FIG. 4A****EP 1 085 706 A3**



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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 11 1361

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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A	EP 0 836 299 A (SUN MICROSYSTEMS INC) 15 April 1998 (1998-04-15) * figure 1 *	1-22	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 September 2002	Examiner Gregori, S
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

EPO FORM 1505 02.02 (P01001)

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EP 00 11 1361

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10-09-2002

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